

=> b reg
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STRUCTURE FILE UPDATES: 12 FEB 2008 HIGHEST RN 1003006-87-8
 DICTIONARY FILE UPDATES: 12 FEB 2008 HIGHEST RN 1003006-87-8

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=> d que sta L17
 L17 STR



VAR G1=O/S/N
 VAR G2=5/6/7
 VAR G3=O/S/N
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED
 ECOUNT IS E4 C E2 N AT 1
 ECOUNT IS E5 C E1 N AT 13

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
 L19 107285 SEA FILE=REGISTRY ABB=ON PLU=ON C6/ES AND (NC2NC2 AND NCS)/ES
 L21 345 SEA FILE=REGISTRY SUB=L19 SSS FUL L17

100.0% PROCESSED 101317 ITERATIONS 345 ANSWERS
 SEARCH TIME: 00.00.01

=> b hcap
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FILE COVERS 1907 - 13 Feb 2008 VOL 148 ISS 7
FILE LAST UPDATED: 12 Feb 2008 (20080212/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d bib abs hitrn fhitr 124 tot

134 ANNEX 1 OF 1 INCUBUS COPYRIGHT 2018 ACS on RIN

AN 134-131116, INCUBUS

ON 141/191116

IT Preparation of arginopalkipinone derivatives as H3 receptor ligands

IN Best, SEANMOB JHRO; Gordon, Gordon; Naughton, Thomas Daniel; O'Neil, Barry

DA Glaxo Group Limited, UK

NO NCT Unit, Appl. n. 94 pp

IT Patent EP2008 173002

IT Patent

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134 ANNEX 1 OF 1 INCUBUS COPYRIGHT 2018 ACS on RIN

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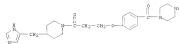
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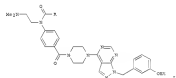
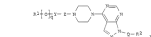
132 ASSOCIATION OF AMERICAN CHEMISTS. COPYRIGHT 2019 ACS on STP

[illegible]

NS 877441-96-3 ECASLES
CN Piperazine, 1-[4-[3-[4-(1H-imidazol-5-ylmethyl)-1-piperidinyl]-3-



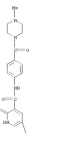
1.32 ANSWER: A OF 8. INCORRECT. COPYRIGHT 2016 ACS, INC. STD

[illegible][illegible]

[preparation of pyrazolopyrimidine compds as BK channel blockers for
 treatment of irritable bowel disease, Alzheimer type-dementia, etc.]
 203771-44-7 ACAPLEN
 Dipicazone- 2-[1-[1-[3-ethoxyphenyl]methyl]-1H-pyrazolo-[3,4-d]pyrimidin-4-yl]-4-[4-[2-[3-(3-pyridinyl)ethyl]benzoyl]-1H-1HET] (CA 130634 8988)

132 ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA [Vol. 52, No. 1, 1959]


AC	2006.31563	MOJOLAS
AD	1456-0155	
AE	416-0155	
AF	Polymer-Directed Synthesis of Pyridone-Functional Libraries on Imidazole of Amphiphilic Polythiophene Kinetics	
AG	Journal of Polymer Science Part A: Polymer Chemistry, Alexander, Webb, Thomas, F. J., et al.	
AH	2006.31564	MOJOLAS
AI	1456-0155	
AL	Chemistry of High Throughput Medical Chemistry, Chemical Research Laboratory, CS Depts. Ch. 92127, USA	
AO	Journal of Combinatorial Chemistry, (London, N.Y.), 493-493	
AP	CHEMISTRY, 2006 1820-1860	
AQ	American Chemical Society	
AR	Journal	
AS	English	
AT	New series of arylpyridone derivatives were prepared by solid-phase chemistry as potential inhibitors of angiotensin lyphase kinase.	
AV	1862-12-79	
AW	AR: Solid-Supported Preparation of PEER (peripartitioning) libraries	
AX	Optimized combinatorial synthesis of a novel series of libraries as inhibitors of angiotensin lyphase kinase)	
AY	2006.31565	MOJOLAS
AZ	1456-0155	
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ALL CITATIONS AVAILABLE IN THE RE FORMAT

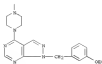
132 ANSWER 5 OF 8 WORDS: COPYRIGHT 2008 ACS, INC. (Continued)



Chemical structure of 1-(cyclohexyl)ethane-1,2-diol: A cyclohexane ring attached to a 1,2-diol chain.



TABLE 2-2 (continued)



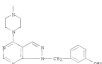
EN 13376-46-Q HCAPLON
 CN 1-Piperidinacetamide, N-[6-[[6-[1-(2-ethoxyacetyl)methyl]-1H-pyrazolo[3,4-b]pyridin-4-yl]-1-piperazinyl]carbonyl]phenyl]-N-(ethoxycarbonyl)-, dihydrochloride (HCE) (CA INDEX NAME)

132 ARSANO & DE R. HORMIGAS. COPYRIGHT 2009 ACS ON BTH (CONTINUED)

PAGE 1-8



Figure 2-8



●2 HCl

IN 733778-14-0 NOAFLUO
CN Piperazine, 1-(4-[3-(dimethylamino)-2,2-dimethylpropoxy]-3-[2-(1-piperidinyl)ethoxy]benzoyl)-4-(1-[3-ethoxyphenyl]methyl)-1H-pyrazolo[3,4-d]pyridin-6-yl-, dihydrochloride (SCI) (CA INDEX NAME)

132 ANSWER 5 OF 8 NCAPUS COPYRIGHT 2018 ACS on STN (Continued)

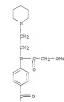
PAGE 2-8



● 2 821

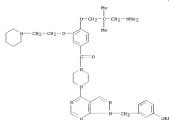
IN 733780-18-9 NCAP15B
 CN Acetamide, 2-methoxy-N-(2-(3-piperidinylethyl)-N-(4-((4-(2-((6-propyl-2-pyridinyl)methyl)-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-3-piperidinylethyl)carbamoyl)phenyl)-, dihydrochloride (HCl) (CA INDEX NAME)

2014年 2—8月



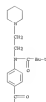
L12: ADDENDUM 5 OF 6 WCPPLUS COPYRIGHT 2019 ACS GO 3TH (CODE104460)

PAGE 3-8

● **INCA**

CS Propasamide, 2,2-dimethyl-N-[2-(2-piperidinylethyl)-N-[4-[4-(3-[[6-propyl-2-pyrindinyl]methyl]-N-pyrrolo[3,4-d]pyrimidin-6-yl]-2-piperazinyl]carbonyl]phosphoryl-, dihydrochloride (HCl) (CA INDEX NAME)

SPACE 2-9.



132 ANSWER 5 OF 8 BCAP055 COPYRIGHT 2008 ACS on STM (Continued)

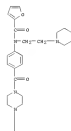
PAGE 2-B.



● HCL

NS	733789-16-0	HCARFUS
CS	2-Pyrazin-carboxamide, N-[2-(3-piperidinyl)ethyl]-N-(6-{4-[2-(6-propyl-2-pyridinyl)methyl]-3H-pyrazolo[3,4-d]pyrimidin-4-yl]-2-piperidinyl)carbamyl]phenyl)-, dihydrochloride (SCT) (CA INDEX NAME)	

参考文献 1-8.



PAGE 2-8.



●2 HCL

DOI: 10.1002-17-1 HCAPLAW

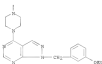
132 ANSWER 5 OF 8 NOCAPSULE COPYRIGHT 2018 ACS on BTH (Continued)
 OR Acetamide, N-[4-[(2-{[3-ethoxyphenyl]methyl}-1H-pyrazol-3,4-dipyridin-4-yl)-3-piperidinyl]oxymethyl]phenyl]-N-(2-{[3-piperidinyl]ethyl}-, dihydrochloride (HCl) (CA INDEX NAME)

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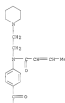
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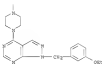
OR 133760-10-0 NOCAPSULE
 OR Acetamide, N-[4-[(2-{[3-ethoxyphenyl]methyl}-1H-pyrazol-3,4-dipyridin-4-yl)-3-piperidinyl]oxymethyl]phenyl]-N-(2-{[3-piperidinyl]ethyl}-, dihydrochloride (HCl) (CA INDEX NAME)

132 ANSWER 5 OF 8 NOCAPSULE COPYRIGHT 2018 ACS on BTH (Continued)

PAGE 1-A



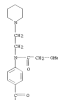
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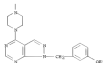
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 OR Cyclopropanecarboxamide, N-[4-[(4-{[3-ethoxyphenyl]methyl}-2H-pyrazol-3,4-dipyridin-4-yl)-3-piperidinyl]oxymethyl]phenyl]-N-(2-{[3-piperidinyl]ethyl}-, dihydrochloride (HCl) (CA INDEX NAME)

132 ANSWER 5 OF 8 NOCAPSULE COPYRIGHT 2018 ACS on BTH (Continued)

PAGE 1-A



PAGE 2-A

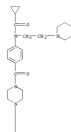


●, HCl

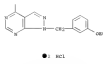
OR 133760-12-0 NOCAPSULE
 OR 2-Pyranecarboxamide, N-[4-[(4-{[3-ethoxyphenyl]methyl}-1H-pyrazol-3,4-dipyridin-4-yl)-3-piperidinyl]oxymethyl]phenyl]-N-(2-{[3-piperidinyl]ethyl}-, dihydrochloride (HCl) (CA INDEX NAME)

132 ANSWER 5 OF 8 NOCAPSULE COPYRIGHT 2018 ACS on BTH (Continued)

PAGE 1-A



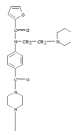
PAGE 2-A



●, HCl

OR 133760-13-0 NOCAPSULE
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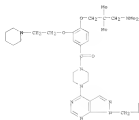
PAGE 1-A



1.32 ANSWER 8 OF 8 KOMPASS COPYRIGHT 2008 ACS on STM (Continued)

RM 133780-16-0 KOMPASS
 OR Acetamide, 1-[4-[(4-{2-(dimethylamino)-2,4-dimethylpentanoyl}-3-[2-(1-piperidinylethoxy)benzoyl]-4-[2-(1,3-oxetanylmethyl)-3-pyrazolyl]-3-pyrazolyl]-4-dipyrrolidin-4-yl]-1,4-dihydrochloride (HCl) (CA INDEX NAME)

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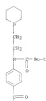


PAGE 2-A

● HCl

RM 133780-16-6 KOMPASS
 OR Propionamide, 2,2-dimethyl-N-[2-(1-piperidinylethoxy)ethyl]-N-[4-[(4-{(4-oxo-4-propyl-2-pyridinyl)methyl}-3-pyrazolyl)-3,4-dipyrrolidin-4-yl]-3-pyrazolyl]acetamidylphenyl-, dihydrochloride (HCl) (CA INDEX NAME)

PAGE 1-A



1.32 ANSWER 8 OF 8 KOMPASS COPYRIGHT 2008 ACS on STM (Continued)

RM 133780-16-0 KOMPASS
 OR Acetamide, 1-[4-[(4-{2-(dimethylamino)-2,4-dimethylpentanoyl}-3-[2-(1-piperidinylethoxy)benzoyl]-4-[2-(1,3-oxetanylmethyl)-3-pyrazolyl]-3-pyrazolyl]-4-dipyrrolidin-4-yl]-1,4-dihydrochloride (HCl) (CA INDEX NAME)

PAGE 2-A

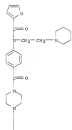


PAGE 1-A

● HCl

RM 133780-16-0 KOMPASS
 OR 2-Fluorobenzoamide, N-[2-(1-piperidinylethoxy)ethyl]-N-[4-[(4-{(4-oxo-4-propyl-2-pyridinyl)methyl}-3-pyrazolyl)-3,4-dipyrrolidin-4-yl]-3-pyrazolyl]acetamidylphenyl-, dihydrochloride (HCl) (CA INDEX NAME)

PAGE 1-A



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● HCl

RM 133780-16-1 KOMPASS
 OR Acetamide, 1-[4-[(4-{2-(dimethylamino)-2,4-dimethylpentanoyl}-3-[2-(1-piperidinylethoxy)benzoyl]-4-[2-(1,3-oxetanylmethyl)-3-pyrazolyl]-3-pyrazolyl]-4-dipyrrolidin-4-yl]-1,4-dihydrochloride (HCl) (CA INDEX NAME)

1.32 ANSWER 8 OF 8 KOMPASS COPYRIGHT 2008 ACS on STM (Continued)

RM 133780-16-0 KOMPASS
 OR Acetamide, 1-[4-[(4-{2-(dimethylamino)-2,4-dimethylpentanoyl}-3-[2-(1-piperidinylethoxy)benzoyl]-4-[2-(1,3-oxetanylmethyl)-3-pyrazolyl]-3-pyrazolyl]-4-dipyrrolidin-4-yl]-1,4-dihydrochloride (HCl) (CA INDEX NAME)

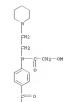
PAGE 2-A



● HCl

PAGE 1-A

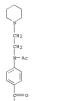
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 OR Acetamide, 1-[4-[(4-{2-(dimethylamino)-2,4-dimethylpentanoyl}-3-[2-(1-piperidinylethoxy)benzoyl]-4-[2-(1,3-oxetanylmethyl)-3-pyrazolyl]-3-pyrazolyl]-4-dipyrrolidin-4-yl]-1,4-dihydrochloride (HCl) (CA INDEX NAME)



1.32 ANSWER 8 OF 8 KOMPASS COPYRIGHT 2008 ACS on STM (Continued)

RM 133780-16-0 KOMPASS
 OR Acetamide, 1-[4-[(4-{2-(dimethylamino)-2,4-dimethylpentanoyl}-3-[2-(1-piperidinylethoxy)benzoyl]-4-[2-(1,3-oxetanylmethyl)-3-pyrazolyl]-3-pyrazolyl]-4-dipyrrolidin-4-yl]-1,4-dihydrochloride (HCl) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

RM 133780-16-0 KOMPASS
 OR Acetamide, 1-[4-[(4-{2-(dimethylamino)-2,4-dimethylpentanoyl}-3-[2-(1-piperidinylethoxy)benzoyl]-4-[2-(1,3-oxetanylmethyl)-3-pyrazolyl]-3-pyrazolyl]-4-dipyrrolidin-4-yl]-1,4-dihydrochloride (HCl) (CA INDEX NAME)

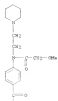


● HCl

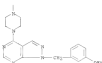
RM 133780-16-0 KOMPASS
 OR Acetamide, 1-[4-[(4-{2-(dimethylamino)-2,4-dimethylpentanoyl}-3-[2-(1-piperidinylethoxy)benzoyl]-4-[2-(1,3-oxetanylmethyl)-3-pyrazolyl]-3-pyrazolyl]-4-dipyrrolidin-4-yl]-1,4-dihydrochloride (HCl) (CA INDEX NAME)

1.32 ANSWER 6 OF 6 INCORRECT COPYRIGHT 2008 ACS on STM (Continued)

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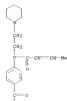


● HCl

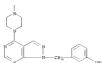
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1.32 ANSWER 6 OF 6 INCORRECT COPYRIGHT 2008 ACS on STM (Continued)

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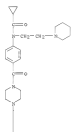


● HCl

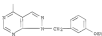
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1.32 ANSWER 6 OF 6 INCORRECT COPYRIGHT 2008 ACS on STM (Continued)

PAGE 3-A



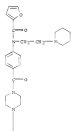
PAGE 3-A



● HCl

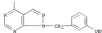
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PAGE 3-A



1.32 ANSWER 6 OF 6 INCORRECT COPYRIGHT 2008 ACS on STM (Continued)

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● HCl

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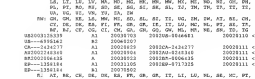
126 ANNEX 6 OF 15 SCAPED CONFIDENT 2009 ACS OR SIT



AB: The title compds. II; each of A1 and A2 = C, CH, H; A = 5-6 membered

134 ANKIMER T OF T. READING COPYRIGHT 2008 ACS on STM
EN 2010/048114 INCIPLIN
II 137/231322
II Preparation of heterocyclicpyrimidine derivatives as remedies for
heterocyclic mediated diseases
EN Chao, Qing; Adams, Jeffrey; Bavis, James; Booker, Rhon, Cai, Goolin;
Crogan, Michael; DiPietro, Lucian; Dominguez, Celis, Elbaum, Daniel,
Germans, Julie; Grunewald, Stephanie; Hendley, Michael; Hwang, Qi, Kim
Joseph H., Kim, Tae-seung; Kinsley, Alexander; Ouyang, Eusebio, Patel,
Vinod K.; Smith, Leon H., S. S. Nardani, Zasker, Andrew, Li, Wang, Yu,
Shimin; Yoon, Chester Chempang
PA Angus Inc., USA

[illegible]

CH	2
CHH	36-05-2
CHF	C2 H F3 O2

134 ASSANGE 10 OF 15 SCAPLEN CONFIDENT 2609 ACT OR SITE (CONFIDENTIAL)



DOI 10.1002/for

2

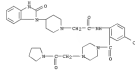


OR 2



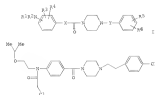
RE-CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

134 ANSWER 11 OF 15 HCA2146 COPYRIGHT 2008 ACS on STD (Continued)



126 ANSWER 12 OF 16 SCARLETT COPYRIGHT 2009 ACS OR ITS

AS	1928/54640	BOUJALE			
AS	1318/55466				
TS	Preparation of the [nonempty] to [arg1,arg2]processus as an [empty]				
IN	PERCUTIT, Sicut, Gaudet				
DA	1866-1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 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3858, 3859, 3860, 3861, 3862, 3863, 3864, 3865, 3866, 3867, 3868, 3869, 3870, 3871, 3872, 3873, 3874, 3875, 3876, 3877, 3878, 3879, 3880, 3881, 3882, 3883, 3884, 3885, 3886, 3887, 3888, 3889, 3890, 3891, 3892, 3893, 3894, 3895, 3896, 3897, 3898, 3899, 3900, 3901, 3902, 3903, 3904, 3905,				



Na Title compounds [I, R¹ = H, alkyl, alkoxyalkyl, arylalkoxyalkyl, dialkylalkoxyalkyl, etc.; R² = (substituted)alkenyl, carbamoyl, carbamoyloxyalkyl, R, alkanoyl, CDM, alkyl, carbamoyl, arylalkoxyalkyl, etc.; R³ = H, alkyl, alkoxyalkyl, haloalkyl, arylalkoxyalkyl, haloalkoxyalkyl, alkoxyalkyl, alkylthio, haloalkyl, (di)alkylamino, alkoxyalkylamino, R, 3-isopropyl, alkoxyalkenyl; were prepared Thos. 3-1a [10-12].
 Preparation of 1a: 1a was prepared from 2a (2000 mg, 4.5 mmol) and 45°
 to give title compound II. NCI). Numerous dose formulations were prepared
 containing I or II salts. 2 inhibited lipopolysaccharide-induced fever in

12	rats with En50 0.05-3.5 mg/kg orally 167149-32-19 167116-33-60
13	AL-BAC (Biological activity or effector, except address); NBS (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); SGL (Biological study), PREP (Preparation); UNRS (Uses) (preparation of, as analgesic)
14	167149-32-19 KODAPUS
15	1- <i>p</i> -Fluoridomacetamide, N-[6-[4-[2-[6-chlorophenyl]ethyl]-3-piperidinyl]oxyacetyl]ethyl-N,N-dimethylcarbamoyl-; 1CM THREE HUNDRED

124 ANSWER 11 OF 18 HEADLIES COPYRIGHT 2008 AOL inc. STM

01	1893-1894? KNAFLKE
02	12/1894?
03	Novel substituted nicotinamide derivatives: synthesis and evaluation for antihypertensive activity
04	Toussaint, Khalida R.; Mohamed, Muneed A.; El-Madry, Osama M
05	Act. Pharm., Cairo Univ., Cairo, Egypt
06	Alexandria Journal of Pharmaceutical Sciences (1992), 6(2), 223-4
07	CODEN AJPHES, EASN 1210-1792
08	Journal
09	LA
10	Engl:68
11	Q1
12	Q1



The synthesis of two novel series of nicotinic acid derivative ($X = \text{NO}_2$, H_2N):
 H_2N^- : pyridine, morpholine, piperidine, piperazine; methoxyphenylamine
 $X = \text{OCH}_2\text{CONHNH}_2$ were carried out. 5-(4-(Carboxyphenyl)amino)-nicarboxylicpyrrolide
 (II) was converted to its acid chloride which was reacted with $\text{HNR}_2\text{R}'$ to give
 I ($X = \text{H}_2\text{N}$) in quant. yield. The acid salt of I reacted with
 $\text{ClICH}_2\text{CONHNH}_2$ to give I ($X = \text{OCH}_2\text{CONHNH}_2$). I ($X = \text{NO}_2$, $\text{OCH}_2\text{CONHNH}_2$) were
 converted to their Me iodide salts which were removed with NaOH to give
 1,3,5-tetracarboxypyrrolidine derivs. Eight of the new compds. were tested


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12  For hypotensal activity in anesthetized normotensive rats.
13  163222-F4-09
14  M1: 80% (Synthetic preparation); 90% (Preparation
15  [preparation and conversion of, to Me iodide salt]
16  163222-F4-4  NACPLAS
17  N3  3-pyridylcarbamate, N-[4-(1-piperazinylcarbonyl)phenyl]- (CA INDEX
18  C8

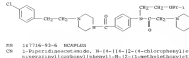
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134 ASSANGE 12 OF 15 SCAPLEN CONFIDENT 2009 ACT OR SITE (CONFIDENTIAL)



RX 147716-92-6 HCAPLOS
 CN 1-(4-chlorophenyl)-1-ethyl-3-(4-(4-chlorophenyl)-1-ethyl-1H-imidazol-2-yl)butan-1-one



Chem 167143-32-6
Chem C31 H43 Cl N4 O3
Chem 167143-32-6
Chem C31 H43 Cl N4 O3



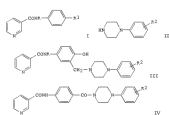
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CM 2
CPR 116-17-8
CMF C4 H4 04
Double load capacity as shown.

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126 PAGES 14 OF 15 WORDS: 607819 COPYRIGHT 2008 ACS OR ST

AN	1990/235261	NCMPLAB
DA	112/235261	
DI	Synthesis of novel 1,4-disubstituted piperazines as potential	
AF	antihypertensive agents	
AI	Botros, A.; Younsi, W. M.; Saad, Z.	
CS	Fac. Pharm., Univ. Cairo, Egypt	
SO	Egyptian Journal of Pharmaceutical Sciences (1989), 30(1-6),	
	419-23	
COUM	EAPRSE: ESH. 8201-3668	
DT	Journal	
LA	English	
OS	CASREACT 112/235261	



AB Nicotinic acid is treated with SOCl₂ followed by 4-NHPOSSAH (R = Me, H, Et = OH; R = H, Et = COOH) to give amides I. I (R = OH) is acylated under Marich conditions with acylpiperazines II (R₂ = 2,3-Me, 4-Cl, H) to give nicotinoplasminobenzyl piperazines III. I (R = COOH) is amidated with SOCl₂ and Et to give nicotinoplasminobenzyl piperazines IV. III and IV (R₂ = 4-Cl, 4-Me) were screened for antihypertensive

activity

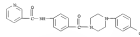
12 127222-82-4P 127222-85-7P 127222-83-2P

127222-83-2P

HL 509H (Synthetic preparation), PEPH (Preparation)
(preparation and antihypertensive activity of)

88 127222-85-6 NIGRALIN

C8 3-Pyridylcarbamate, N-(4-[(4-(4-chlorophenyl)-1-methyl-5-oxo-1H-imidazol-2-yl)methyl]phenyl)- (CA INDEX NAME)



SM 12122-50-3 HCAPLAIN
 CN 3-Pyridinecarboxamide, N-[4-[[6-(4-bromophenyl)-1-piperidinyl]carbonyl]phenyl]- (CA [NAME] NAME)

-> d his

(FILE 'HOME' ENTERED AT 13:23:58 ON 13 FEB 2008)

FILE 'HCAPLUS' ENTERED AT 13:24:11 ON 13 FEB 2008
 E W00166534/PN
 E W02001-US688S/AP,PRN
 L1 1 E3-4

FILE 'REGISTRY' ENTERED AT 13:26:29 ON 13 FEB 2008

L2 FILE 'HCAPLUS' ENTERED AT 13:26:29 ON 13 FEB 2008
 TRA L1 1- RN : 462 TERMS

L3 FILE 'REGISTRY' ENTERED AT 13:26:29 ON 13 FEB 2008
 L4 462 SEA L2
 L5 210 L3 AND NC2NC2/ES
 6 L4 AND NC5/ES

L6 FILE 'HCAPLUS' ENTERED AT 14:02:25 ON 13 FEB 2008
 Z W01999-EP5744/AP,PRN

FILE 'REGISTRY' ENTERED AT 14:02:59 ON 13 FEB 2008

L7 FILE 'HCAPLUS' ENTERED AT 14:02:59 ON 13 FEB 2008
 TRA L6 1- RN : 427 TERMS

L8 FILE 'REGISTRY' ENTERED AT 14:03:00 ON 13 FEB 2008
 L9 427 SEA L7
 0 L8 AND (NC2NC2 AND NC5)/ES

L10 FILE 'HCAPLUS' ENTERED AT 14:20:27 ON 13 FEB 2008
 1 US20060052597/PN

FILE 'REGISTRY' ENTERED AT 14:21:19 ON 13 FEB 2008

L11 FILE 'HCAPLUS' ENTERED AT 14:21:19 ON 13 FEB 2008
 TRA L10 1- RN : 229 TERMS

L12 FILE 'REGISTRY' ENTERED AT 14:21:19 ON 13 FEB 2008
 L13 229 SEA L11
 L14 201 L12 AND NC5/ES
 L15 142 L13 AND NC2NC2/ES
 L16 142 L14 AND 46.150.18/RID
 L17 142 L15 AND C/ELS
 L18 STR
 L19 0 L17
 L20 107285 C6/ES AND (NC2NC2 AND NC5)/ES
 L21 3 L17 SAM SUB-L19
 345 L17 FULL SUB-L19
 SAV TEM J371C1/A L21
 L22 114 L21 AND L12
 L23 231 L21 NOT L22

L24 FILE 'HCAPLUS' ENTERED AT 14:32:32 ON 13 FEB 2008
 1 L22

L25 23 L23
 L26 19 L23 AND (PD<=20021022 OR AD<=20021022 OR PRD<=20021022)
 SEL HIT RN

L27 FILE 'REGISTRY' ENTERED AT 14:36:42 ON 13 FEB 2008
 40 E1-40

L28 E PIPERIDINE/CN
 L29 1 E3
 6 46.156.1/RID AND L27

FILE 'HCAPLUS' ENTERED AT 14:47:21 ON 13 FEB 2008

FILE 'HCAOLD' ENTERED AT 14:47:59 ON 13 FEB 2008

L30 0 L22
L31 0 L23

FILE 'HCAPLUS' ENTERED AT 14:48:41 ON 13 FEB 2008
L32 8 L25 NOT L26
 SEL HIT RN L32

FILE 'REGISTRY' ENTERED AT 14:49:00 ON 13 FEB 2008
L33 26 E1-26
L34 23 L33 AND 46.156.1/RID

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